

This design consists of three elements and is purely powered by sunlight. First, the **ORB**, is a levitating sphere with a magnet at its centre and a lightweight aerogel material that scatters light focused onto it. Second, the **PLATFORM** is another magnet at ground level that repels the magnet in the orb and keeps it levitating. It has magnetic shielding on outer sides and serves as a public interaction space. Third, the **REFLECTOR** units, have concave glass that absorb infrared radiation and focus sunlight onto the orb. These units also generate and store electricity to emit artificial light when necessary.